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20 Nov 64	2 Dec			25X1	
TO FROM SUBJ.				ROUTING	
<p>Nien-tzu-shan Arsenal, Factory #123, China REF: ORR Rpt. No C-RE2-60,572 CIA/PID Project No. C 1604/68 Copy 3 of 8</p>				25X1	
COURIER NO.		ANSWERED		NO REPLY	
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PID/IB - 315/63
20 November 1963
Copy 3 of 8

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

ATTENTION :

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, CIA/PID (NPIC)

SUBJECT : Nien-tzu-shan Arsenal, Factory #123, China

REFERENCES : (1) ORR Requirement No. C-RR3-80,522
(2) CIA/PID Project No. C 1604/63

1. This memorandum is in response to the referenced requirement which asks for analysis of the Nien-tzu-shan Arsenal, Factory #123 (approx. 47 31N - 122 54E), including the current level of activity and expansion since 1960.

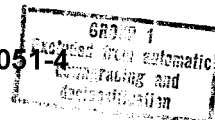
2. For the purpose of this memorandum, the arsenal has been divided into three functional areas: (a) Arms and metal parts manufacturing, (b) Ammunition loading and storage, and (c) Ballistic testing and experimentation. A detailed description of these areas follows.

Area A, Arms and metal parts manufacturing (see enclosure CIA/PID/IB-P-700/63) has a total roof cover of 1,298,365 square feet. This area is the largest part of the arsenal and can be subdivided into three major sections: an administration section having 115,315 square feet of roof cover; a fabrication, forge and foundry section having 987,095 square feet of roof cover, and a storage, shipping and receiving section having 195,955 square feet of roof cover.

Area B, Ammunition loading and storage (see enclosure CIA/PID/IB-P-700/63), with a total of 369,110 square feet of roof cover can be subdivided into three major sections: bulk explosives (powder, propellants, etc.) storage section with 74,800 square feet of roof cover; shell loading section with 192,345 square feet of roof cover; and finished product storage and shipping section with the remaining 101,965 square feet of roof cover.

Area C, Ballistic testing and experimentation area (see enclosure CIA/PID/IB-P-701/63) is located approximately 4 nautical miles south southeast of Areas A and B and is linked to them by a good road. This area with its various types of firing ranges and related facilities appears to be utilized for testing of ballistic weapons and ammunition

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SUBJECT: Nien-tzu-shan Arsenal, Factory #123, China

as well as explosive charges and propellants.

Areas A and B are served by rail and road. These areas appear to have the capabilities to produce a wide variety of arms and ammunition. These areas are active as crated materials are stacked on the loading docks at both areas. Current production is undoubtedly at a low level as only two of the eighteen stacks are emitting smoke.

Area C appears to be active as vehicles were observed on internal service roads.

Other than the unidentified area believed to be under construction in Area C, there was no noticeable change in this arsenal since [redacted]

[redacted] The description of this arsenal was based on the analysis of [redacted]

3. The photo analyst assigned to this project was [redacted] who can be contacted on extension [redacted] should you have further questions concerning this project. This memorandum and enclosures completes this requirement.

Enclosures:

2 Annotated Photo Enlargements
(CIA/PID/IB-P-700/63 and P-701/63)

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